



ELSEVIER

Mechanisms of Development 80 (1999) 235–236



Volume contents

Volume 80 (1999)

Issue contents

A. Salzberg, S. Elias, N. Nachaliel, L. Bonstein, C. Henig, D. Frank (Israel)

A Meis family protein caudalizes neural cell fates in *Xenopus*

J.L. Gómez-Skarmeta, E. de la Calle-Mustienes, J. Modolell, R. Mayor (Chile, Spain)

Xenopus brain factor-2 controls mesoderm, forebrain and neural crest development

J. Sage, L. Martin, R. Meuwissen, C. Heyting, F. Cuzin, M. Rassoulzadegan (France, The Netherlands)

Temporal and spatial control of the *Sycp1* gene transcription in the mouse meiosis: regulatory elements active in the male are not sufficient for expression in the female gonad

D. Kurokawa, T. Kitajima, K. Mitsunaga-Nakatsubo, S. Amemiya, H. Shimada, K. Akasaka (Japan)

HpEts, an ets-related transcription factor implicated in primary mesenchyme cell differentiation in the sea urchin embryo

S.R. Münchberg, H. Steinbeisser (Germany)

The *Xenopus* Ets transcription factor XER81 is a target of the FGF signaling pathway

Y. Chen, T. Hollemann, H. Grunz, T. Pieler (Germany)

Characterization of the Ets-type protein ER81 in *Xenopus* embryos

W.V. Gerber, T.A. Yatskevych, P.B. Antin, K.M.

Correia, R.A. Conlon, P.A. Krieg (USA)

The RNA-binding protein gene, *hermes*, is expressed at high levels in the developing heart

C. Wolff, M. Pepling, P. Gergen, M. Klingler (Germany, USA)

Structure and evolution of a pair-rule interaction element: *runt* regulatory sequences in *D. melanogaster* and *D. virilis*

G. Lagna, F. Carnevali, M. Marchioni, A. Hemmati-Brivanlou (USA)

Negative regulation of axis formation and Wnt signaling in *Xenopus* embryos by the F-box/WD40 protein β TrCP

1 Gene expression patterns

T.A. Yatskevych, S. Pascoe, P.B. Antin (USA)

Expression of the homeobox gene *Hex* during early stages of chick embryo development 107

3

H.A. Luchman, G.D. Paterno, K.R. Kao, L.L. Gillespie (Canada)

Differential nuclear localization of ER1 protein during embryonic development in *Xenopus laevis* 111

15

J. Schofield, A. Isaac, I. Golovleva, A. Crawley, G. Goodwin, C. Tickle, P. Brickell (UK)

Expression of *Drosophila* trithorax-group homologues in chick embryos 115

Instruction to Authors

119

29

Issue contents

121

Announcement

123

M.-T. Su, T.V. Venkatesh, X. Wu, K. Golden, R. Bodmer (USA)

The pioneer gene, *apontic*, is required for morphogenesis and function of the *Drosophila* heart 125

41

A. Baonza, A. García-Bellido (Spain)

Dual role of *extramacrochaetae* in cell proliferation and cell differentiation during wing morphogenesis in *Drosophila* 133

53

C.M. Hedgepeth, M.A. Deardorff, P.S. Klein (USA)

Xenopus axin interacts with glycogen synthase kinase-3 beta and is expressed in the anterior midbrain 147

67

N. Scheer, J.A. Campos-Ortega (Germany)

Use of the Gal4-UAS technique for targeted gene expression in the zebrafish 153

77

I.S. Kim, F. Otto, B. Zabel, S. Mundlos (Germany)

Regulation of chondrocyte differentiation ssby *Cbfa1* 159

87

E. Wurmbach, I. Wech, A. Preiss (Germany)

The Enhancer of split complex of *Drosophila melanogaster* harbors three classes of Notch responsive genes 171

87

H. Neuhaus, V. Rosen, R.S. Thies (USA)

Heart specific expression of mouse *BMP-10* a novel member of the TGF- β superfamily 181

101

Gene expression patterns

M. Nakashima, T. Toyono, A. Akamine, A. Joyner (Japan, USA)

Expression of growth/differentiation factor 11, a new member of the BMP/TGF β superfamily during mouse embryogenesis

185

R. Schröder, D.G. Jay, D. Tautz (Germany, USA)

Elimination of *EVE* protein by CALI in the short germ band insect *Tribolium* suggests a conserved pair-rule function for *even skipped*

191

J.T. Warren Jr., A. Chandrasekhar, J.P. Kanki, R.**Rangarajan, A.J. Furley, J.Y. Kuwada (USA, UK)**

Molecular cloning and developmental expression of a zebrafish axonal glycoprotein similar to TAG-1

197

D.M. Smith, C.J. Tabin (USA)

Chick Barx2b, a marker for myogenic cells also expressed in branchial arches and neural structures

203

M. Ponassi, T.S. Jacques, L. Ciani, C. French-Constant (UK, Italy)

Expression of the rat homologue of the *Drosophila fat* tumour suppressor gene

207

R. Ashery-Padan, G. Alvarez-Bolado, B. Klamt, M. Gessler, P. Gruss (Germany)

Fjx1, the murine homologue of the *Drosophila four-jointed* gene, codes for a putative secreted protein expressed in restricted domains of the developing and adult brain

213

S. Yonei-Tamura, K. Tamura, T. Tsukui, J.C. Izpisua Belmonte (USA)

Spatially and temporally-restricted expression of two T-box genes during zebrafish embryogenesis

219

M. Schvarzstein, A. Kirn, P. Haffter, S.P. Cordes (Canada, Germany)

Expression of *Zkrm12*, a homologue of the *Krml1/val* segmentation gene, during embryonic patterning of the zebrafish (*Danio rerio*)

223

Author Index

227

Subject Index

229

Volume Contents

235

